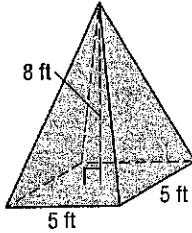


# 13-2 Skills Practice

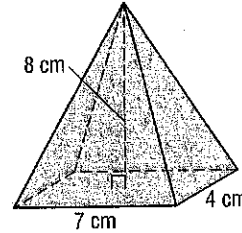
## Volumes of Pyramids and Cones

Find the ~~volume~~ <sup>P, B, LA, TA, V</sup> of each pyramid or cone. Round to the nearest tenth if necessary.

1.

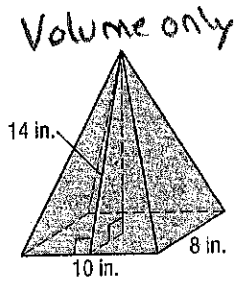


2.



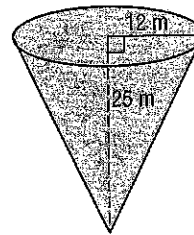
*Volume only*

3.

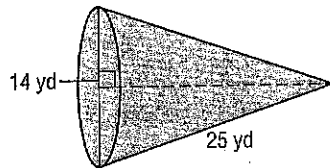


*Volume only*

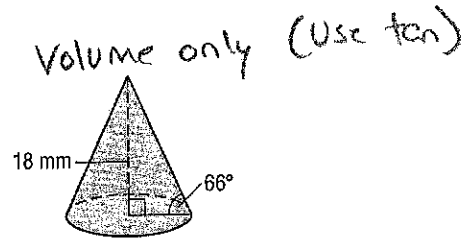
4.



5.



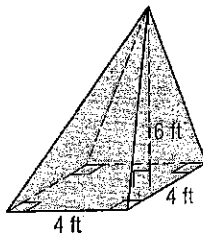
6.



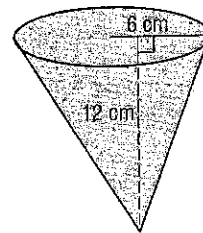
*Volume only (Use tan)*

Find the volume of each oblique pyramid or cone. Round to the nearest tenth if necessary.

7.



8.



**Remember the radius = 2 x (apothem)!**

1.

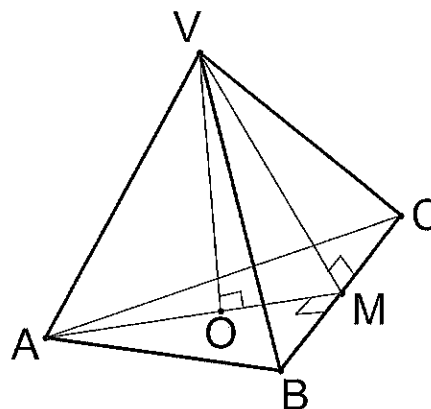
AO = \_\_\_\_\_

OM = \_\_\_\_\_

h = \_\_\_\_\_

l = \_\_\_\_\_

Given:  
AM = 9  
VA = 10



2.

BM = \_\_\_\_\_

OM = \_\_\_\_\_

OC = \_\_\_\_\_

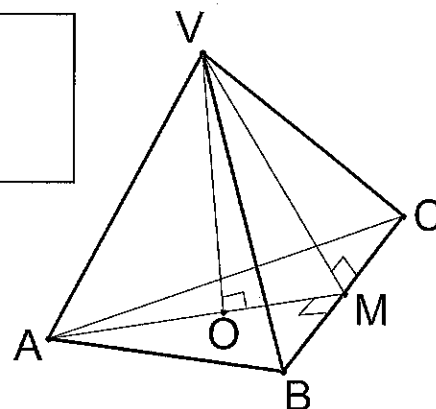
OA = \_\_\_\_\_

AM = \_\_\_\_\_

h = \_\_\_\_\_

l = \_\_\_\_\_

Given:  
BC = 6  
VA = 4



3.

OM = \_\_\_\_\_

OA = \_\_\_\_\_

BM = \_\_\_\_\_

BC = \_\_\_\_\_

p = \_\_\_\_\_

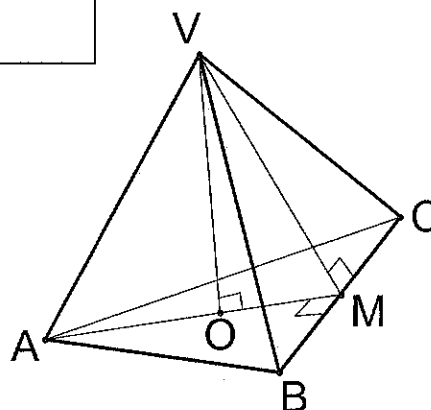
B = \_\_\_\_\_

LA = \_\_\_\_\_

TA = \_\_\_\_\_

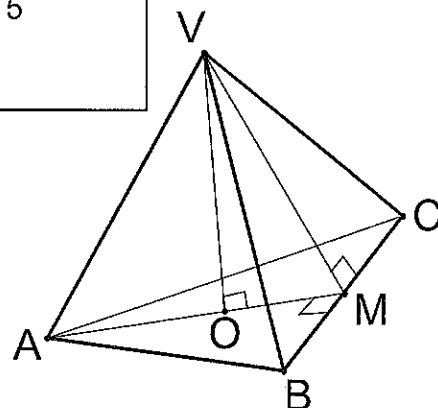
V = \_\_\_\_\_

Given:  
h = 4  
l = 5



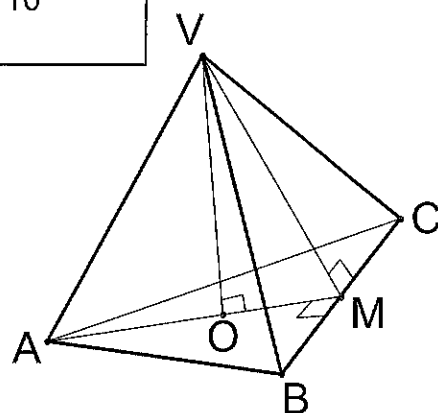
4.  $OA = \underline{\hspace{2cm}}$   $p = \underline{\hspace{2cm}}$   
 $OM = \underline{\hspace{2cm}}$   $B = \underline{\hspace{2cm}}$   
 $l = \underline{\hspace{2cm}}$   $LA = \underline{\hspace{2cm}}$   
 $MC = \underline{\hspace{2cm}}$   $TA = \underline{\hspace{2cm}}$   
 $BC = \underline{\hspace{2cm}}$   $V = \underline{\hspace{2cm}}$

Given:  
 $VA = 5$   
 $h = 3$



5.  $VC = \underline{\hspace{2cm}}$   $p = \underline{\hspace{2cm}}$   
 $BC = \underline{\hspace{2cm}}$   $B = \underline{\hspace{2cm}}$   
 $MC = \underline{\hspace{2cm}}$   $LA = \underline{\hspace{2cm}}$   
 $l = \underline{\hspace{2cm}}$   $TA = \underline{\hspace{2cm}}$   
 $OM = \underline{\hspace{2cm}}$   $V = \underline{\hspace{2cm}}$   
 $h = \underline{\hspace{2cm}}$

Given:  
 $AB = 12$   
 $VA = 10$



6.  $BM = \underline{\hspace{2cm}}$   
 $OM = \underline{\hspace{2cm}}$   
 $OA = \underline{\hspace{2cm}}$   
 $VA = 6$   
 $h = \underline{\hspace{2cm}}$   
 $TA = \underline{\hspace{2cm}}$   
 $V = \underline{\hspace{2cm}}$

Given:  
 All edges are 6

